WSCF ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention:

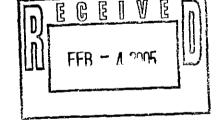
Steve Trent

Analytical:

Client Services:

P. D. Mr 2/2/2005

All results are reported on an "as received" basis unless otherwise noted in the comment section.



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Contract#: FH-EIS-2003-MEM-001

Report#: WSCF20050229 Report Date: 2-feb-2005

Report WGPP/ver. 1.1

Groundwater Remediation Program



WSCF ANALYTICAL RESULTS REPORT

Attention: Project.

Steve Trent

F04-032: F04-032

Group #:

WSCF20050229

r roject.		101052. 10105											
	•					WSCF							
Sample #	ple # Client ID		CAS#	Test Performed	Matrix	Method RQ I		Result	Result Unit		MDL	Analyze Sample Receive	
Radioc	hemistry				-								
W050000218	B1BJJ9	TRENT	12587-46-1	Gross alpha	WATER	LA-508-421	U	0.0890	pCi/mL	1.00	0.20	02/02/05 01/31/05 01/31/05	
W050000218	B1BJJ9	TRENT	E,T,C	Alpha error by LC	WATER	LA-508-421		+- 0.57	pCi/mL	1.00	0.0	02/02/05 01/31/05 01/31/05	
W050000218	B1BJJ9	TRENT	12587-47-2	Gross beta	WATER	LA-508-421		2.50	pCi/mL	1.00	0.30	02/02/05 01/31/05 01/31/05	
W050000218	B1BJJ9	TRENT	E,T,C	Beta error by LC	WATER	LA-508-421		+- 0.88	pCi/mL	1.00	0.0	02/02/05 01/31/05 01/31/05	

MDL = Minimum Detection Limit
U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

DF=Dilution Factor

N

13' - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report WGPP/ver. 1.1

Groundwater Remediation Program

WSCF ANALYTICAL COMMENT REPORT

Attention: **Project Number** Group #:

20050229

Sample # Client ID Lab Area

Test

Comment

OLab Areas:

VALGROUP - Group Validation LOGSAMP - Login for Sample

VALTEST - Test Validation LOGTEST - Login for Tests TESTDATA - Test Data Entry

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Gwgppc/1 Report#: 20050229

Report Date: 2-feb-2005

WSCF TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Project Number

:

Group #:

20050229

Sample # Client ID

Test Name

Peak Name

CAS#

RT

RQ

Result Units

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WGPPE v 1.1 Report#: 20050229

Report Date: 2-feb-2005

Page

1

WSCF METHOD REFERENCES REPORT

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-508-421

O

Report WGPPM/0

LA-508-421: OPERATION OF THE TRI-CARB MODEL 2500TR LIQUID SCINTILLATION ANALYZER None No reference to any industry method.

DNote: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at \approx \approx \approx \approx \Begin{array}{c} \approx \approx \approx \Begin{array}{c} \approx \approx \approx \approx \Begin{array}{c} \approx \approx \approx \Begin{array}{c} \approx \approx \Begin{array}{c} \approx \approx \Begin{array}{c} \Begin{array}{c} \approx \Begin{array}{c} \Begin{array}{c} \approx \Begin{array}{c} \Begin{array}{c}

Waste Sampling and Characterization Facility

P.O. BOX 1970 S3-30, Richland, WA 99352 PHONE: (509) 373-7004/FAX: (509) 373-7134

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354 Attn: Steve Trent Customer Code: GPP

PO#: 119325/ES10 Group#: 20050229 Project#: F04-032

Proj Mgr: Steve Trent A0-21

Phone: 373-5869

The following samples were received from you on 01/31/05. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample# Sample Id Matrix Sample Tests Scheduled Date W050000218 B1BJJ9 TRENT 01/31/05 Water @TOTALAB Test Acronym Description Test Acronym Description A/B by Liquid Scintillation @TOTALAB

Fluor Hanford Inc.				CHAIN OF CUSTODY/SAMPLE ANALYSIS REC							F04-032-084		PAGE 1	OF 1				
COLLECTOR	· · ·			COMPANY CONTACT TELEPHONE NO.						CT COORDINA	TOR	PRICE CODE		E	ATA			
Alexander/Gent/Thomas				TRENT, SJ 373-5869					TREN	T, SJ	PRICE CODE	1A		IAROUND				
SAMPLING I	OCATION		PMG	PROJECT DESIGNATION						0.	AIR QUALITY			lours /				
200-ZP-1, C4	302; 200 A :	- 268	12:00	200-ZP-1 Remedial Investigation Sampling and Analysis - Groundwater						32				15	Days			
ICE CHEST	10.	-	1/3/05	FIELD LOGBOOK NO. COA 119325ES10					METH	METHOD OF SHIPMENT								
									Government Vehicle									
SHIPPED TO	1	<u> </u>		OFFSITE PROPERTY NO.					BILL (BILL OF LADING/AIR BILL NO.								
Waste Sampl	ing & Chara	cterization																
MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS			PRESE	RVATION	None												
DL=Drum Liquids DS=Drum				TYPE OF CONTAINER		P		 							-			
So'ds L=Liquid O=Oil		NO. OF CONTAINER(S)		1	<u> </u>				<u> </u>				<u> </u>					
S=Soil SE=Sediment T=Tissue				VOLUME		120mL	-	-			-		 		 			
V=Vegitation W=Water									1			Ţ						
WI=Wipe X=Other	SPECIAL HANDLING AND/OR STORAGE			SAMPLE ANALYSIS		Activity Scan;	· · · · · · · · · · · · · · · · · · ·	 					1		<u> </u>			
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SAMP	SAMPLE NO. MATRIX*		SAMPLE DATE	SAMPLE TIME					建 中设置	建	建	中学	or here	1750				
31BJJ9		WATER		1/31/05	1335	X						_	}					
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	Sercetor			CICAL CONTA	T WALES	<u> </u>	J	J	CDECYAL TO	ETRUCTIONS	_i		l		<u> </u>			
CHAIN OF PO)22E2210L	•		SIGN/ PRIN	$\overline{}$				SPECIAL IN	STRUCTIONS								
RELINQUISHER PMGEN	4/(1//	mbaa 1/3	/ / · · · · ·	Clob	STORED IN	ado6	1 3 05	1545										
RELINQUISHE	D BY/REMO	VED FROM	DATE/TIME	RECEIVED BY	STORED IN		DATE/T	IME										
RELINQUISHE	D BY/REMO	VED FROM	DATE/TIME	RECEIVED BY/	DATE/TIME													
RELINQUISHED BY/REMOVED FROM DATE/TIME				RECEIVED BY/STORED IN			DATE/TIME											
RELINQUISHED BY/REMOVED FROM DATE/TIME			RECEIVED BY/		DATE/TIME													
RELINQUISHED BY/REMOVED FROM DATE/TIME			RECEIVED BY/STORED IN			DATE/T	IME											
RELINQUISHED BY/REMOVED FROM DATE/TIME			RECEIVED BY/STORED IN DATE/T				IME							İ				
LABORATORY RECEIVED BY SECTION									TITLE DATE/TIME									
		SPOSAL METHOD			nt					DISPOSED BY DATE/TIME								
FINAL SAM DISPOSITI	PLE	vone reelitor			-				D:									